**1. Test Plan Identifier**

**File Name: EaseMy Trip**

**Location: Chennai, Cognizant**

**2. Document History**

|  |  |  |  |
| --- | --- | --- | --- |
| **REV** | **Author** | **Edits** | **Date** |
|  |  | Initial Draft | 16/01/2020 |
|  |  |  |  |
|  |  |  |  |

**3. Introduction:**

EaseMyTrip is an Indian online travel company founded in May 2008 by Nishant Pitti and Rikant Pitti. Headquartered in New Delhi, the company provides hotel bookings, air tickets, holiday packages, bus bookings, and white-label services. EaseMyTrip has overseas offices in Singapore, Dubai, Maldives, and Bangkok.

This test plan will outline the features to be tested as part of the traveller details.

4. **Features to be Tested**

Medium priority features are features that have been stable and High Priority features are features that have been recently changed.

|  |  |  |
| --- | --- | --- |
| **Feature To be Tested** | **Priority** | **Comments** |
| Registration | High |  |
| Login Functionality |  |  |
| Bus Tickets Booking |  |  |
| Commercial Details |  |  |
| Payment |  |  |
| Logout |  |  |
|  |  |  |

1. **Features NOT to be Tested**

Help Contents will not be tested.

Installation and presentation will not be tested.

Support of the other architectures also will not be tested.

1. **Test Strategy**

The test strategy for EaseMyTrip will include manual testing with automated testing. Automated testing will be used to test the basic Interface objects, keyboard and mouse navigation or any redundant tasks best translated to automation. Automated testing will be limited to a Win-64 platform because of Automation tool limitations.

* Sanity test will include an very short Functional tests to ensure the EaseMyTrip runs/launches and can connect to the back end database. Test execution will happen as individual component testing. These tests will be fully automated.
* Acceptance tests will include short Functional tests that will only touch major features to ensure EaseMyTrip will operate smoothly at a basic level. These tests will be executed on Windows 7, Windows 10.
* Full Functional tests will include a comprehensive test of all features listed in this document. These tests will be limited to the Windows 7 or windows 10 workstation client. These tests will include automation with time allowing.

**Functionality Testing**

**Registration**

Verify New Registration

Verify Modification of the existing record

Verify Deletion of the existing record.

Verify Searching of existing of records.

Verify Refresh of the Data Fields.

Verify Closing of the registration window.

**Usability Testing**

The usability testing will be accomplished by verifying the information in each window are accurate. Menus, icons and toolbar functionality will be tested as applicable to the navigation and results panes. Multi Window Overlapping will be tested because product supports opening of multiple documents.

**Robustness/Reliability Testing**

Test the GUI for correct keyboard and mouse navigation, windows, menus, buttons, etc. These tests will include Keyboard only navigation of VASOP1.0, Mouse only navigation. Correctness and existence of warning/error dialog boxes. The correct/expected functionality of buttons, icons and menus.

**Stress Testing**

Not applicable

1. **Test Deliverables**

The Business requirement specifications,Functional requirement specifications,Software requirement specifications,Test plan specifications,Test Scenario,Test case Specifications,

Test plan EaseMyTrip

Test Specification EaseMyTrip

Test Automation Plan Selenium

Test Checklist TBD

Test Logs TBD

Test tools Selenium,jira

**8. Testing Tasks & Resource Needs**

Use of my SQL Server

Write Test Specification.

Write Test Automation plan.

Write Test Checklist.

Setup workspace.

Develop Automation script.

Minimum requirements for platforms:

Processor: Pentium(R) Dual-Core CPU E5400@2.70Ghz 2.70 GHz

Installation Memory (RAM):2GB

System Type: 64-bit Operating System

Pen and Touch: No pen and Touch input is available for this display.

**9.Schedule**

Test Documentation

| Document | Development Time | | Sign-off Date | Dependencies |
| --- | --- | --- | --- | --- |
|  | Person-Days | Completion Date |  |  |
| Test Plan | 2 days | 17/01/2020 |  | Functional Spec. Review |
| Test Specifications | 3 days | 16/01/2020 |  | Testplan, Functional Spec, Review |
| Test Logs | TBD |  |  |  |
| Test Summary Report | TBD |  |  |  |
| Checklist | TBD |  |  |  |

Test Development

| Deliverable | Development Time | | Dependencies |
| --- | --- | --- | --- |
|  | Person-Days | Completion Date |  |
| Functional Test Suite | 5 days |  |  |
| Automation build | 4 days |  |  |
|  |  |  |  |

Test Execution

| Test Activity | | Execution Time (Person-Days) | | | Dependencies |
| --- | --- | --- | --- | --- | --- |
|  | | Alpha | Beta | FCS |  |
| Acceptance | | 2 Days | 2 Days | 4 Days |  |
| Functional | Functionality | 5 | 4 | 9 days |  |
|  | Usability | All High to Medium testcaces |  |  |
|  | Robustness |  |
|  | Stress |  |
|  | Multi Inst. |  |
| Regression | |  |  |  |  |
| Documentation Review | | 2 | 2 | 2 |  |
| Total Test Cycle | | 8 | 8 | 6 |  |

**10. Issues/Risks and Contingencies**

| RISK | CONTINGENCY | COMMENTS |
| --- | --- | --- |
| Any Automation will need to be created in parallel of testing. | Manual testing | Goal is to add Automation where possible.  Initial setup might be able to be worked on in an earlier stage if time permitting. |
| VB Accessibility Utilities and specs to verify compliance to Accessibility are not available. | Simplistic tests? | Accessibility guidelines are not specified in spec. |
|  |  |  |
|  |  |  |

**11.Approvals**

| POSITION  \* Approval Required | NAME | SIGNATURE | REVIEWED | APPROVED |
| --- | --- | --- | --- | --- |
| Tech Lead |  |  | Raghavendra.BN |  |
| STAFF ENG, SW | B.Subhashini |  |  |  |
| Project Manager |  |  |  |  |
| Clint Approval | Blue Lotus Technologies |  |  |  |

12. **References**

EaseMyTrip User Interface Specification

EaseMyTrip Functional Specification

EaseMyTrip Design Specification